

ABSTRACT:

"A communication system, device and method"

A communication system such as a telephone system has at least a base station and a communication device to communicate with the base station, the communication device comprises an RF power amplifier having an RF output for coupling to an antenna and an RF output power control input, a power supply having a power supply terminal, a control input and a supply output coupled to the RF output power control input for controlling an RF output power on the RF output in dependence on a signal on the control input of the power supply, a data receiver means for coupling to the antenna, the data receiver means having a data output for providing data received from the base station which represents information about said RF output power, and a table means containing a listing of possible power supply control input values related to possible RF output power values, the table means having a table selection input coupled to the data output of the data receiver means and a table output coupled to the control input of the power supply for using said RF output power related information to select that power supply control input value in the table means which corresponds to a desired RF output power value.

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Fig. 1